


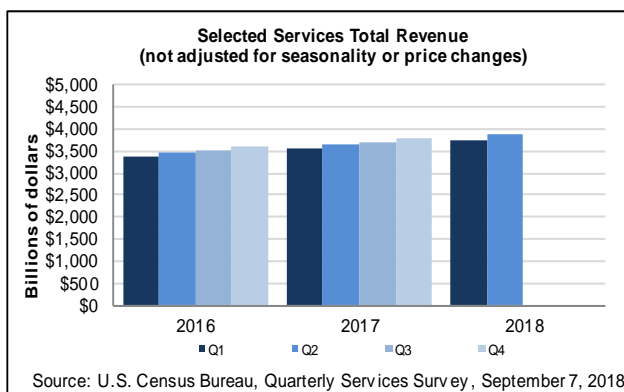
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QUARTERLY SELECTED SERVICES ESTIMATES, SECOND QUARTER 2018

Release Number: CB18-139

September 7, 2018 — The U.S. Census Bureau announced the following selected services estimates for the second calendar quarter of 2018:

 SELECTED SERVICES TOTAL REVENUE		
2Q 2018	\$3,863.4 billion	+3.2 %
1Q 2018	\$3,744.7 billion	-1.3 %
Next release: November 16, 2018		
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, September 7, 2018		



Selected Services Total

U.S. selected services total revenue for the second quarter of 2018, not adjusted for seasonal variation or price changes, was \$3,863.4 billion, an increase of 3.2 percent (± 0.4 percent) from the first quarter of 2018 and up 5.3 percent (± 0.4 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was not revised from the advance estimate.

Information

U.S. information sector revenue for the second quarter of 2018, adjusted for seasonal variation but not for price changes, was \$424.9 billion, an increase of 2.6 percent (± 0.2 percent) from the first quarter of 2018 and up 8.5 percent (± 0.9 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from 1.7 percent (± 0.6 percent) to 1.9 percent (± 0.6 percent).

Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the second quarter of 2018, adjusted for seasonal variation but not for price changes, was \$461.3 billion, an increase of 2.0 percent (± 1.1 percent) from the first quarter of 2018 and up 5.2 percent (± 1.7 percent) from the second quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was revised from 1.1 percent (± 1.1 percent)* to 1.5 percent (± 1.1 percent).

Administrative and support and waste management and remediation services

U.S. administrative and support and waste management and remediation services revenue for the second quarter of 2018, adjusted for seasonal variation but not for price changes, was \$249.3 billion, an increase of 2.4 percent (± 1.3 percent) from the first quarter of 2018 and up 5.5 percent (± 1.9 percent) from the second

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quarter of 2017. The fourth quarter of 2017 to first quarter of 2018 percentage change was not revised from 0.9 percent (± 1.3 percent)*.

Utilities

U.S. utilities revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$140.9 billion, a decrease of 10.5 percent (± 2.3 percent) from the first quarter of 2018 and up 2.0 percent (± 2.1 percent)* from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of -10.6 percent (± 1.9 percent).

Transportation and warehousing

U.S. transportation and warehousing revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$243.6 billion, an increase of 8.6 percent (± 0.6 percent) from the first quarter of 2018 and up 5.3 percent (± 1.7 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 8.5 percent (± 0.8 percent).

Finance and insurance

U.S. finance and insurance revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$1,209.0 billion, an increase of 1.4 percent (± 0.6 percent) from the first quarter of 2018 and up 6.6 percent (± 0.8 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 1.3 percent (± 0.6 percent).

Real estate and rental and leasing

U.S. real estate and rental and leasing revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$179.5 billion, an increase of 9.1 percent (± 0.9 percent) from the first quarter of 2018 and up 5.3 percent (± 1.7 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 9.6 percent (± 0.9 percent).

Educational services

U.S. educational services revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$18.5 billion, an increase of 8.5 percent (± 5.1 percent) from the first quarter of 2018 and up 4.9 percent (± 5.1 percent)* from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 7.3 percent (± 5.1 percent).

Health care and social assistance

U.S. health care and social assistance revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$658.8 billion, an increase of 2.2 percent (± 0.2 percent) from the first quarter of 2018 and up 4.5 percent (± 0.9 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 2.3 percent

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(± 0.4 percent).

Arts, entertainment, and recreation

U.S. arts, entertainment, and recreation revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$70.3 billion, an increase of 13.6 percent (± 2.8 percent) from the first quarter of 2018 and up 4.0 percent (± 4.4 percent)* from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 13.9 percent (± 2.7 percent).

Accommodation

U.S. accommodation revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$65.9 billion, an increase of 11.7 percent (± 1.1 percent) from the first quarter of 2018 and down 2.3 percent (± 1.9 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 11.5 percent (± 1.1 percent).

Other services (except public administration)

U.S. other services (except public administration) revenue for the second quarter of 2018, not adjusted for seasonal variation, or price changes, was \$138.3 billion, an increase of 1.6 percent (± 3.4 percent)* from the first quarter of 2018 and down 2.0 percent (± 1.7 percent) from the second quarter of 2017. The first quarter of 2018 to second quarter of 2018 percentage change was revised from the advance estimate of 1.3 percent (± 3.0 percent)*.

GENERAL INFORMATION

Intention to Expand Seasonal Adjustment

Beginning with the February 2019 advance release for the fourth quarter of 2018, we anticipate the introduction of new seasonally adjusted estimates of Selected Services Total revenue into the Advance Quarterly Services Report. Beginning with the March 2019 release for the fourth quarter of 2018, we anticipate the introduction of new seasonally adjusted estimates of Selected Services Total revenue and revenue for selected industries within NAICS sectors 22, 48-49, 51, and 54 into the Full Quarterly Services Report. For more information, please visit our seasonal adjustment FAQs:

[<https://www.census.gov/services/qss/seasonally_adjusted_faqs.html>.](https://www.census.gov/services/qss/seasonally_adjusted_faqs.html)

Upcoming Benchmarking

Effective with the February 2019 release for the fourth quarter of 2018, quarterly services estimates will be revised based on the results of the 2017 Service Annual Survey.

Release Schedule

The third quarter 2018 Advance Quarterly Services Report is scheduled for release on November 16, 2018.

View the full schedule in the Economic Briefing Room: [<www.census.gov/economic-indicators/>.](http://www.census.gov/economic-indicators/)

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at

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RESOURCES

API

The Census Bureau's application programming interface lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<www.census.gov/developers/>

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and

Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted¹

[Estimates are adjusted for seasonal variation but not for price change and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ²	Kind of business	Total revenue (millions of dollars)						Percent change					
		2Q 2018 (p)	1Q 2018 (r)	4Q 2017 (r)	3Q 2017 (r)	2Q 2017 (r)	1Q 2017 (r)	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017 (r)	4Q 2017 from 3Q 2017 (r)	3Q 2017 from 2Q 2017 (r)	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017 (r)
51	Information	424,905	414,138	406,602	400,374	391,490	387,170	2.6	1.9	1.6	2.3	8.5	7.0
5112	Software publishers.....	67,663	65,158	60,050	61,801	57,697	56,434	3.8	8.5	-2.8	7.1	17.3	15.5
512	Motion picture and sound recording industries	29,635	27,358	26,641	26,805	26,224	26,925	8.3	2.7	-0.6	2.2	13.0	1.6
54	Professional, scientific, and technical services³	461,338	452,257	445,357	439,034	438,554	440,095	2.0	1.5	1.4	0.1	5.2	2.8
5411	Legal services ³	77,730	74,854	74,629	71,826	72,250	73,355	3.8	0.3	3.9	-0.6	7.6	2.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	44,301	44,935	44,399	42,867	44,374	43,750	-1.4	1.2	3.6	-3.4	-0.2	2.7
56	Administrative and support and waste management and remediation services⁴	249,342	243,499	241,320	239,150	236,281	233,137	2.4	0.9	0.9	1.2	5.5	4.4
5613	Employment services	101,928	97,177	96,602	97,739	95,739	95,509	4.9	0.6	-1.2	2.1	6.5	1.7
5615	Travel arrangement and reservation services	11,696	11,091	11,098	11,470	11,019	11,173	5.5	-0.1	-3.2	4.1	6.1	-0.7
561 pt	Other administrative and support services ⁵	111,479	110,951	109,765	106,073	105,756	102,782	0.5	1.1	3.5	0.3	5.4	7.9
562	Waste management and remediation services	24,239	24,280	23,855	23,868	23,767	23,673	-0.2	1.8	-0.1	0.4	2.0	2.6
622	Hospitals.....	283,808	279,568	279,566	276,695	271,629	271,729	1.5	Z	1.0	1.9	4.5	2.9

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(3) Excludes NAICS 54112 (Offices of notaries).

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

(5) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	2018 (p)	2017	2018 from 2017 (p)
	Selected Services Total²	3,863,417	3,744,732	3,793,685	3,704,477	3,667,361	3,561,457	3.2	-1.3	5.3	5.1	7,608,149	7,228,818	5.2
22	Utilities³	140,872	157,418	144,325	156,994	138,066	149,842	-10.5	9.1	2.0	5.1	298,290	287,908	3.6
2211	Electric power generation, transmission and distribution	114,710	112,365	109,284	134,196	113,059	110,521	2.1	2.8	1.5	1.7	227,075	223,580	1.6
2212	Natural gas distribution	22,465	41,636	31,332	18,472	21,352	36,018	-46.0	32.9	5.2	15.6	64,101	57,370	11.7
2213	Water, sewage and other systems	3,697	3,417	3,709	4,326	3,655	3,303	8.2	-7.9	1.1	3.5	7,114	6,958	2.2
48-49	Transportation and warehousing⁴	243,649	224,300	229,542	232,174	231,425	214,154	8.6	-2.3	5.3	4.7	467,949	445,579	5.0
481	Air transportation	54,667	47,872	49,306	52,351	52,592	45,822	14.2	-2.9	3.9	4.5	102,539	98,414	4.2
483	Water transportation	11,763	10,701	11,142	12,968	10,664	10,006	9.9	-4.0	10.3	6.9	22,464	20,670	8.7
4831	Deep sea, coastal, and Great Lakes water transportation	9,773	8,963	9,171	11,012	8,831	8,102	9.0	-2.3	10.7	10.6	18,736	16,933	10.6
4832	Inland water transportation	1,990	1,738	1,971	1,956	1,833	1,904	14.5	-11.8	8.6	-8.7	3,728	3,737	-0.2
484	Truck transportation	72,774	65,791	66,785	69,168	68,512	62,497	10.6	-1.5	6.2	5.3	138,565	131,009	5.8
4841	General freight trucking	46,798	43,182	43,255	44,067	43,470	40,501	8.4	-0.2	7.7	6.6	89,980	83,971	7.2
48412	General freight trucking, long-distance	40,015	36,968	36,903	37,112	36,142	33,879	8.2	0.2	10.7	9.1	76,983	70,021	9.9
4842	Specialized freight trucking	S	22,609	23,530	25,101	25,042	21,996	S	-3.9	S	2.8	S	47,038	S
485	Transit and ground passenger transportation	9,778	9,171	9,656	8,522	9,826	9,286	6.6	-5.0	-0.5	-1.2	18,949	19,112	-0.9
486	Pipeline transportation	11,876	12,589	12,522	11,319	11,098	11,620	-5.7	0.5	7.0	8.3	24,465	22,718	7.7
487	Scenic and sightseeing transportation	1,125	606	833	1,742	1,077	544	85.6	-27.3	4.5	11.4	1,731	1,621	6.8
488	Support activities for transportation	48,661	45,560	45,835	45,439	47,036	44,660	6.8	-0.6	3.5	2.0	94,221	91,696	2.8
492	Couriers and messengers	23,112	22,645	23,727	21,334	21,410	20,939	2.1	-4.6	7.9	8.1	45,757	42,349	8.0
493	Warehousing and storage	9,893	9,365	9,736	9,331	9,210	8,780	5.6	-3.8	7.4	6.7	19,258	17,990	7.0
51	Information	421,506	407,098	424,086	392,767	388,358	380,588	3.5	-4.0	8.5	7.0	828,604	768,946	7.8
511	Publishing industries (except Internet)	90,303	85,424	89,512	81,595	80,539	76,561	5.7	-4.6	12.1	11.6	175,727	157,100	11.9
51111	Newspaper publishers	5,916	5,710	6,640	5,819	6,016	5,847	3.6	-14.0	-1.7	-2.3	11,626	11,863	-2.0
51112	Periodical publishers	6,523	S	7,164	6,893	7,036	6,523	S	S	-7.3	S	S	13,559	S
5111 pt	Book, directory and mailing list, and other publishers ⁵	10,336	8,861	10,854	11,161	9,963	8,547	16.6	-18.4	3.7	3.7	19,197	18,510	3.7
5112	Software publishers	67,528	64,376	64,854	57,722	57,524	55,644	4.9	-0.7	17.4	15.7	131,904	113,168	16.6
512	Motion picture and sound recording industries	29,190	27,659	28,106	25,492	25,726	27,167	5.5	-1.6	13.5	1.8	56,849	52,893	7.5
515	Broadcasting (except Internet)	42,249	42,116	44,281	38,915	39,868	39,409	0.3	-4.9	6.0	6.9	84,365	79,277	6.4
5151	Radio and television broadcasting	19,871	20,018	21,628	18,021	18,807	18,577	-0.7	-7.4	5.7	7.8	39,889	37,384	6.7
5152	Cable and other subscription programming	22,378	22,098	22,653	20,894	21,061	20,832	1.3	-2.5	6.3	6.1	44,476	41,893	6.2
517	Telecommunications	161,522	159,715	165,097	159,801	158,897	157,136	1.1	-3.3	1.7	1.6	321,237	316,033	1.6
5171	Wired telecommunications carriers	82,492	81,810	83,320	82,619	82,639	81,964	0.8	-1.8	-0.2	-0.2	164,302	164,603	-0.2
5172	Wireless telecommunications carriers (except satellite)	66,599	65,699	69,814	65,398	64,955	64,102	1.4	-5.9	2.5	2.5	132,298	129,057	2.5
517 pt	Other telecommunications ⁶	12,431	12,206	11,963	11,784	11,303	11,070	1.8	2.0	10.0	10.3	24,637	22,373	10.1
518	Data processing, hosting, and related services	46,371	43,721	44,251	40,977	39,029	37,309	6.1	-1.2	18.8	17.2	90,092	76,338	18.0
519	Other information services	51,871	48,463	52,839	45,987	44,299	43,006	7.0	-8.3	17.1	12.7	100,334	87,305	14.9
52	Finance and insurance⁷	1,208,999	1,192,632	1,168,395	1,143,556	1,134,023	1,108,194	1.4	2.1	6.6	7.6	2,401,631	2,242,217	7.1
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	1,180,814	1,163,280	1,139,230	1,115,132	1,104,004	1,079,037	1.5	2.1	7.0	7.8	2,344,094	2,183,041	7.4
521	Monetary authorities-central bank	28,185	29,352	29,165	28,424	30,019	29,157	-4.0	0.6	-6.1	0.7	57,537	59,176	-2.8
522	Credit intermediation and related activities	336,361	322,952	318,489	313,348	306,019	295,779	4.2	1.4	9.9	9.2	659,313	601,798	9.6
5221	Depository credit intermediation	156,922	149,511	147,116	143,354	139,864	133,415	5.0	1.6	12.2	12.1	306,433	273,279	12.1
5222	Nondepository credit intermediation	152,719	148,096	144,722	144,518	140,740	138,014	3.1	2.3	8.5	7.3	300,815	278,754	7.9
5223	Activities related to credit intermediation	26,720	25,345	26,651	25,476	25,415	24,350	5.4	-4.9	5.1	4.1	52,065	49,765	4.6
523	Securities, commodity contracts, and other financial investments and related activities	177,082	179,732	171,238	164,473	163,086	163,799	-1.5	5.0	8.6	9.7	356,814	326,885	9.2
5231	Securities and commodity contracts intermediation and brokerage	81,590	84,628	72,774	72,321	72,866	74,330	-3.6	16.3	12.0	13.9	166,218	147,196	12.9
5232	Securities and commodity exchanges	3,354	3,617	3,044	2,997	3,127	3,116	-7.3	18.8	7.3	16.1	6,971	6,243	11.7
5239	Other financial investment activities	92,138	91,487	95,420	89,155	87,093	86,353	0.7	-4.1	5.8	5.9	183,625	173,446	5.9
524	Insurance carriers and related activities	667,371	660,596	649,503	637,311	634,899	619,459	1.0	1.7	5.1	6.6	1,327,967	1,254,358	5.9
5241	Insurance carriers	572,785	565,565	555,702	546,717	545,809	531,335	1.3	1.8	4.9	6.4	1,138,350	1,077,144	5.7
5242	Agencies, brokerages, and other insurance related activities	94,586	95,031	93,801	90,594	89,090	88,124	-0.5	1.3	6.2	7.8	189,617	177,214	7.0
53	Real estate and rental and leasing	179,451	164,535	175,042	172,036	170,428	156,908	9.1	-6.0	5.3	4.9	343,986	327,336	5.1
531	Real estate	124,534	113,550	120,940	119,396	118,963	109,704	9.7	-6.1	4.7	3.5	238,084	228,667	4.1
5311	Lessors of real estate	69,772	67,934	68,480	66,905	65,915	64,365	2.7	-0.8	5.9	5.5	137,706	130,280	5.7
5312	Offices of real estate agents and brokers	30,582	22,882	29,009	29,256	30,046	23,316	33.7	-21.1	1.8	-1.9	53,464	53,362	0.2
5313	Activities related to real estate	24,180	22,734	23,451	23,235	23,002	22,023	6.4	-3.1	5.1	3.2	46,914	45,025	4.2
532	Rental and leasing services	43,267	40,651	42,152	42,029	40,920	37,679	6.4	-3.6	5.7	7.9	83,918	78,599	6.8
5321	Automotive equipment rental and leasing	15,405	14,248	14,875	15,755	14,598	13,363	8.1	-4.2	5.5	6.6	29,653	27,961	6.1
53211	Passenger car rental and leasing	10,138	9,493	9,817	10,616	9,641	8,988	6.8	-3.3	5.2	5.6	19,631	18,629	5.4
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	5,267	4,755	5,058	5,139	4,957	4,375	10.8	-6.0	6.3	8.7	10,022	9,332	7.4
5322	Consumer goods rental	5,751	5,361	5,398	5,623	5,828	5,656	7.3	-0.7	-1.3	-5.2	11,112	11,484	-3.2
5323	General rental centers	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	21,155	20,364	21,034	19,791	19,687	18,077	3.9	-3.2	7.5	12.7	41,519	37,764	9.9
533	Lessors of nonfinancial intangible assets (except copyrighted works)	11,650	10,334	11,950	10,611	10,545	9,525	12.7	-13.5	10.5	8.5	21,984	20,070	9.5

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

 [Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	2018 (p)	2017	2018 from 2017 (p)
54	Professional, scientific, and technical services ⁹	465,951	443,212	453,819	435,083	442,940	430,853	5.1	-2.3	5.2	2.9	909,163	873,793	4.0
5411	Legal services ⁹	77,419	66,545	83,808	71,323	71,889	65,213	16.3	-20.6	7.7	2.0	143,964	137,102	5.0
5412	Accounting, tax preparation, bookkeeping, and payroll services	47,269	53,203	38,405	38,023	47,347	51,625	-11.2	38.5	-0.2	3.1	100,472	98,972	1.5
5413	Architectural, engineering, and related services	78,904	77,273	75,059	77,260	75,448	73,986	2.1	2.9	4.6	4.4	156,177	149,434	4.5
5413 pt	Architectural and related services ¹⁰	17,209	16,897	15,982	17,031	17,573	17,121	1.8	5.7	-2.1	-1.3	34,106	34,694	-1.7
54133	Engineering services	61,695	60,376	59,077	60,229	57,875	56,865	2.2	2.2	6.6	6.2	122,071	114,740	6.4
5414	Specialized design services	6,351	5,485	6,167	5,895	6,202	5,861	15.8	-11.1	2.4	-6.4	11,836	12,063	-1.9
5415	Computer systems design and related services	100,261	95,283	97,025	95,877	96,681	93,045	5.2	-1.8	3.7	2.4	195,544	189,726	3.1
5416	Management, scientific, and technical consulting services	68,808	66,264	69,324	67,154	64,782	63,475	3.8	-4.4	6.2	4.4	135,072	128,257	5.3
5417	Scientific research and development services	36,762	33,533	35,631	33,376	33,159	32,408	9.6	-5.9	10.9	3.5	70,295	65,567	7.2
5418	Advertising, public relations, and related services	27,456	25,265	28,113	26,111	26,654	25,815	8.7	-10.1	3.0	-2.1	52,721	52,469	0.5
5419	Other professional, scientific, and technical services	22,721	20,361	20,287	20,064	20,778	19,425	11.6	0.4	9.4	4.8	43,082	40,203	7.2
56	Administrative and support and waste management and remediation services	251,117	237,019	242,518	242,443	237,833	227,159	5.9	-2.3	5.6	4.3	488,136	464,992	5.0
561	Administrative and support services	226,345	213,904	218,782	217,835	213,519	204,693	5.8	-2.2	6.0	4.5	440,249	418,212	5.3
5613	Employment services	99,686	96,788	99,790	97,055	93,441	95,318	3.0	-3.0	6.7	1.5	196,474	188,759	4.1
5615	Travel arrangement and reservation services	12,059	10,603	10,654	12,055	11,361	10,704	13.7	-0.5	6.1	-0.9	22,662	22,065	2.7
561 pt	Other administrative and support services ¹¹	114,600	106,513	108,338	108,725	108,717	98,671	7.6	-1.7	5.4	7.9	221,113	207,388	6.6
562	Waste management and remediation services	24,772	23,115	23,736	24,608	24,314	22,466	7.2	-2.6	1.9	2.9	47,887	46,780	2.4
61	Educational services ¹²	18,468	17,026	16,933	17,010	17,601	16,317	8.5	0.5	4.9	4.3	35,494	33,918	4.6
6114	Business schools and computer and management training	3,352	3,107	3,243	3,377	3,152	3,002	7.9	-4.2	6.3	3.5	6,459	6,154	5.0
6115	Technical and trade schools	3,426	3,478	3,545	3,510	3,423	3,439	-1.5	-1.9	0.1	1.1	6,904	6,862	0.6
6116	Other schools and instruction	7,065	6,931	6,457	6,356	S	S	1.9	7.3	S	S	13,996	S	S
6117	Educational support services	4,625	3,510	3,688	3,767	4,392	3,539	31.8	-4.8	5.3	-0.8	8,135	7,931	2.6
62	Health care and social assistance	658,813	644,458	651,331	629,339	630,404	623,667	2.2	-1.1	4.5	3.3	1,303,271	1,254,071	3.9
621	Ambulatory health care services	263,393	258,117	259,209	252,369	251,942	246,744	2.0	-0.4	4.5	4.6	521,510	498,686	4.6
6211	Offices of physicians	128,793	126,177	127,996	124,070	122,757	119,725	2.1	-1.4	4.9	5.4	254,970	242,482	5.2
6212	Offices of dentists	32,433	32,994	30,837	30,888	31,325	S	-1.7	7.0	3.5	S	65,427	S	S
6213	Offices of other health practitioners	22,325	21,424	21,871	21,513	S	21,138	4.2	-2.0	S	1.4	43,749	S	S
6214	Outpatient care centers	35,726	34,823	35,197	33,505	33,940	33,502	2.6	-1.1	5.3	3.9	70,549	67,442	4.6
6215	Medical and diagnostic laboratories	12,825	12,463	12,862	12,549	12,626	12,319	2.9	-3.1	1.6	1.2	25,288	24,945	1.4
6216	Home health care services	21,549	20,828	20,977	20,309	20,309	19,856	3.5	-0.7	6.1	4.9	42,377	40,165	5.5
6219	Other ambulatory health care services	9,742	9,408	9,469	9,535	9,093	8,729	3.6	-0.6	7.1	7.8	19,150	17,822	7.5
622	Hospitals	285,511	280,686	281,243	272,268	273,259	273,088	1.7	-0.2	4.5	2.8	566,197	546,347	3.6
6221	General medical and surgical hospitals	265,604	261,138	262,147	253,491	254,543	254,750	1.7	-0.4	4.3	2.5	526,742	509,293	3.4
6222	Psychiatric and substance abuse hospitals	6,614	6,668	6,463	6,167	6,251	6,327	-0.8	3.2	5.8	5.4	13,282	12,578	5.6
6223	Specialty (except psychiatric and substance abuse)													
		13,293	12,880	12,633	12,610	12,465	12,011	3.2	2.0	6.6	7.2	26,173	24,476	6.9
623	Nursing and residential care facilities	62,659	60,246	61,992	60,356	59,028	58,472	4.0	-2.8	6.2	3.0	122,905	117,500	4.6
624	Social assistance	47,250	45,409	48,887	44,346	46,175	45,363	4.1	-7.1	2.3	0.1	92,659	91,538	1.2
6241	Individual and family services	24,915	23,594	24,830	22,848	24,303	23,667	5.6	-5.0	2.5	-0.3	48,509	47,970	1.1
6242	Community food and housing, and emergency and other relief services	7,973	7,510	9,640	8,369	8,212	8,062	6.2	-22.1	-2.9	-6.8	15,483	16,274	-4.9
6243	Vocational rehabilitation services	3,635	3,461	3,583	3,587	3,537	3,393	5.0	-3.4	2.8	2.0	7,096	6,930	2.4
6244	Child day care services	10,727	10,844	10,834	9,542	10,123	10,241	-1.1	0.1	6.0	5.9	21,571	20,364	5.9
71	Arts, entertainment, and recreation	70,325	61,902	69,277	72,783	67,624	59,994	13.6	-10.6	4.0	3.2	132,227	127,618	3.6
711	Performing arts, spectator sports, and related industries	31,158	24,866	33,308	32,784	28,648	25,261	25.3	-25.3	8.8	-1.6	56,024	53,909	3.9
7111	Performing arts companies	4,619	3,864	4,379	4,330	4,140	3,972	19.5	-11.8	11.6	-2.7	8,483	8,112	4.6
7112	Spectator sports	11,402	8,460	13,359	12,461	10,889	9,050	34.8	-36.7	4.7	-6.5	19,862	19,939	-0.4
7113	Promoters of performing arts, sports, and similar events	7,950	6,233	8,310	8,868	7,389	5,972	27.5	-25.0	7.6	4.4	14,183	13,361	6.2
7114	Agents and managers for artists, athletes, entertainers, and other public figures	2,408	2,172	2,421	2,271	1,986	1,894	10.9	-10.3	21.2	14.7	4,580	3,880	18.0
7115	Independent artists, writers, and performers	4,779	4,137	4,839	4,854	4,244	4,373	15.5	-14.5	12.6	-5.4	8,916	8,617	3.5
712	Museums, historical sites, and similar institutions	3,801	3,204	4,245	3,954	4,106	3,427	18.6	-24.5	-7.4	-6.5	7,005	7,533	-7.0
713	Amusement, gambling, and recreation industries	35,366	33,832	31,724	36,045	34,870	31,306	4.5	6.6	1.4	8.1	69,198	66,176	4.6
7131	Amusement parks and arcades	6,231	4,464	5,054	6,977	5,881	3,925	39.6	-11.7	6.0	13.7	10,695	9,806	9.1
7132	Gambling industries	8,107	8,053	7,579	7,910	7,909	7,928	0.7	6.3	2.5	1.6	16,160	15,837	2.0
7139	Other amusement and recreation industries	S	21,315	19,091	21,158	21,080	19,453	S	11.6	S	9.6	S	40,533	S
721	Accommodation	65,939	59,023	59,671	67,744	67,517	60,412	11.7	-1.1	-2.3	-2.3	124,962	127,929	-2.3
7211	Traveler accommodation	63,888	57,530	58,241	65,189	65,476	58,862	11.1	-1.2	-2.4	-2.3	121,418	124,338	-2.3
7212	RV (recreational vehicle) parks and recreational camps	1,748	1,128	1,059	2,179	1,770	1,212	55.0	6.5	-1.2	-6.9	2,876	2,982	-3.6
7213	Rooming and boarding houses	303	365	371	376	271	338	-17.0	-1.6	11.8	8.0	668	609	9.7

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	2018 (p)	2017	2018 from 2017 (p)
81	Other services (except public administration) ¹³	138,327	136,109	158,746	142,548	141,142	133,369	1.6	-14.3	-2.0	2.1	274,436	274,511	Z
811	Repair and maintenance	46,494	45,143	44,934	43,719	44,324	42,540	3.0	0.5	4.9	6.1	91,637	86,864	5.5
8111	Automotive repair and maintenance	S	29,653	28,733	28,197	28,560	27,520	S	3.2	S	7.8	S	56,080	S
8112	Electronic and precision equipment repair and maintenance	4,809	4,626	4,429	4,268	4,384	4,494	4.0	4.4	9.7	2.9	9,435	8,878	6.3
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	10,306	9,034	9,706	9,203	9,266	8,849	14.1	-6.9	11.2	2.1	19,340	18,115	6.8
8114	Personal and household goods repair and maintenance	2,163	1,830	2,066	2,051	2,114	1,677	18.2	-11.4	2.3	9.1	3,993	3,791	5.3
812	Personal and laundry services.....	29,234	27,590	28,100	27,153	27,963	26,747	6.0	-1.8	4.5	3.2	56,824	54,710	3.9
8121	Personal care services.....	S	S	S	S	S	9,453	S	S	S	S	S	S	S
8122	Death care services.....	4,455	4,819	4,705	4,520	4,811	5,042	-7.6	2.4	-7.4	-4.4	9,274	9,853	-5.9
8123	Drycleaning and laundry services.....	7,575	7,356	7,243	7,022	6,925	6,632	3.0	1.6	9.4	10.9	14,931	13,557	10.1
8129	Other personal services.....	S	S	S	S	S	5,620	S	S	S	S	S	S	S
813	Religious, grantmaking, civic, professional, and similar organizations ¹⁴	62,599	63,376	85,712	71,676	68,855	64,082	-1.2	-26.1	-9.1	-1.1	125,975	132,937	-5.2

(p) Preliminary estimate. Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.

(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qqs/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table 2. Selected Services - Estimated Measures of Sampling Variability
[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	Coefficient of variation		Standard error
												2018 (p)	2017	2018 from 2017 (p)
	Selected Services Total	0.9	0.8	0.8	0.8	0.8	1.4	0.2	0.2	0.2	0.3	0.9	0.8	0.2
22	Utilities	2.6	1.6	2.2	3.1	2.1	4.1	1.2	1.0	1.1	0.5	2.0	1.7	0.7
2211	Electric power generation, transmission and distribution	3.4	2.8	3.2	3.5	2.5	5.0	1.1	0.5	1.2	0.7	3.0	2.5	0.9
2212	Natural gas distribution	7.0	4.8	4.5	5.3	5.7	2.9	1.6	2.4	3.0	1.3	5.5	4.8	1.9
2213	Water, sewage and other systems	5.1	4.9	4.6	5.3	5.1	7.9	2.7	3.0	3.3	2.1	4.8	5.5	2.7
48-49	Transportation and warehousing	1.7	1.8	1.6	1.9	2.2	2.5	0.3	0.3	0.9	0.5	1.7	2.0	0.7
481	Air transportation	1.8	1.9	1.7	1.5	1.5	2.9	0.5	0.5	1.9	1.7	1.8	1.7	1.8
483	Water transportation	8.4	8.8	7.8	7.9	7.7	2.8	1.0	1.0	0.8	1.2	8.6	7.6	0.9
4831	Deep sea, coastal, and Great Lakes water transportation	10.1	10.6	9.5	9.1	9.2	3.6	1.1	1.1	0.9	1.2	10.3	9.3	0.9
4832	Inland water transportation	3.6	3.9	3.7	4.6	3.7	3.9	1.7	0.7	1.2	1.5	3.7	3.7	1.0
484	Truck transportation	4.4	4.5	4.1	5.3	6.1	6.9	0.4	0.6	1.7	1.3	4.5	5.7	1.5
4841	General freight trucking	7.1	7.1	6.4	8.4	9.6	10.8	0.5	0.7	2.7	2.1	7.1	8.9	2.3
48412	General freight trucking, long-distance	4.3	4.0	3.9	4.1	4.0	11.6	0.7	1.1	3.1	3.0	4.2	3.9	3.0
4842	Specialized freight trucking	S	1.8	2.3	1.9	1.8	4.8	S	1.6	S	1.8	S	1.9	S
485	Transit and ground passenger transportation	4.3	3.6	2.5	3.4	3.7	6.5	1.4	1.4	3.1	1.8	3.9	3.5	2.4
486	Pipeline transportation	1.3	1.4	1.4	1.2	1.4	1.9	0.3	0.4	0.3	0.2	1.3	1.4	0.2
487	Scenic and sightseeing transportation	6.1	9.7	4.4	7.1	5.9	10.6	8.6	5.8	2.7	4.8	7.2	5.9	2.9
488	Support activities for transportation	4.1	4.1	3.6	3.3	4.0	6.4	1.0	0.8	2.6	2.0	4.0	3.9	2.3
492	Couriers and messengers	3.6	3.1	3.5	4.8	3.8	1.7	0.5	0.9	1.3	2.2	3.3	3.9	1.7
493	Warehousing and storage	6.9	6.3	5.7	5.6	5.3	6.3	1.5	1.2	3.0	1.5	6.6	5.3	2.2
51	Information	1.4	1.4	1.5	1.6	1.4	1.3	0.1	0.3	0.5	0.5	1.4	1.4	0.5
511	Publishing industries (except Internet)	3.0	2.9	2.9	2.3	2.3	5.5	0.7	0.4	1.2	1.6	2.9	2.2	1.2
51111	Newspaper publishers	4.7	4.5	4.3	4.5	4.6	4.1	0.9	0.3	0.6	1.0	4.6	4.5	0.7
51112	Periodical publishers	5.4	S	5.0	5.3	5.3	4.7	S	S	1.7	S	S	4.9	S
5111 pt	Book, directory and mailing list, and other publishers	3.8	2.9	4.1	3.2	3.2	4.5	1.6	1.5	0.9	1.6	3.3	3.2	0.9
5112	Software publishers	3.5	3.4	3.6	2.8	2.8	7.2	1.0	0.7	1.7	2.1	3.4	2.7	1.7
512	Motion picture and sound recording industries	1.1	1.2	0.8	1.1	1.2	3.4	0.8	1.0	1.1	0.6	1.1	1.1	0.8
515	Broadcasting (except Internet)	1.2	1.2	1.0	0.9	1.0	1.7	0.3	0.5	0.6	0.4	1.2	0.9	0.5
5151	Radio and television broadcasting	1.6	1.6	1.9	2.0	1.8	2.7	0.5	0.9	1.3	0.8	1.6	1.7	1.0
5152	Cable and other subscription programming	1.4	1.5	1.4	1.4	1.4	1.2	0.1	0.1	0.1	0.3	1.5	1.3	0.2
517	Telecommunications	1.4	1.4	1.4	1.6	1.5	1.7	0.1	0.1	0.8	0.7	1.4	1.4	0.8
5171	Wired telecommunications carriers	2.2	2.1	2.1	1.9	1.7	3.4	0.1	0.2	0.6	0.7	2.2	1.6	0.6
5172	Wireless telecommunications carriers (except satellite)	2.3	2.4	1.9	1.8	1.8	2.4	0.1	0.6	2.2	2.1	2.4	1.8	2.1
517 pt	Other telecommunications	4.1	4.1	3.9	4.7	4.3	3.3	0.5	0.5	1.3	0.8	4.1	4.0	0.9
518	Data processing, hosting, and related services	3.0	3.2	3.2	3.1	3.5	3.4	0.6	0.8	2.4	1.5	3.1	3.5	1.9
519	Other information services	4.1	4.5	5.2	5.7	5.6	4.5	1.3	1.6	2.8	2.3	4.3	5.6	2.4
52	Finance and insurance	2.1	1.9	1.8	1.9	1.9	4.7	0.3	0.3	0.4	0.5	2.0	1.9	0.4
52 pt	Finance and insurance (except monetary authorities-central bank)	2.2	2.0	1.9	1.9	1.9	4.8	0.3	0.3	0.4	0.5	2.1	1.9	0.4
521	Monetary authorities-central bank	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities	1.8	1.9	1.9	1.9	1.9	4.2	0.5	0.3	0.8	0.7	1.8	1.9	0.7
5221	Depository credit intermediation	3.9	3.6	3.9	3.7	3.6	7.6	1.2	0.5	1.3	0.8	3.7	3.7	0.7
5222	Nondepository credit intermediation	3.5	3.3	3.1	3.3	3.3	4.0	0.5	0.3	1.2	1.0	3.4	3.4	1.1
5223	Activities related to credit intermediation	2.8	2.9	2.7	2.6	2.3	3.6	1.0	0.8	0.8	0.7	2.8	2.5	0.6
523	Securities, commodity contracts, and other financial investments and related activities	4.6	4.5	4.1	4.6	4.5	4.0	1.6	2.2	0.7	3.0	4.5	4.5	1.7
5231	Securities and commodity contracts intermediation and brokerage	10.1	9.3	9.1	9.0	9.3	7.1	3.5	4.7	1.0	6.0	9.4	8.7	3.1
5232	Securities and commodity exchanges	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities	2.4	2.9	3.0	3.1	2.8	4.9	1.0	1.1	1.1	1.0	2.6	3.0	1.0
524	Insurance carriers and related activities	2.7	2.5	2.2	2.2	2.1	7.1	0.4	0.5	0.7	0.7	2.6	2.1	0.6
5241	Insurance carriers	3.1	3.0	2.7	2.7	2.6	8.2	0.4	0.4	0.6	0.7	3.0	2.5	0.6
5242	Agencies, brokerages, and other insurance related activities	2.6	2.9	2.2	2.4	2.4	4.5	0.7	1.2	1.7	1.2	2.8	2.6	1.4
53	Real estate and rental and leasing	1.9	1.7	1.6	1.7	2.0	4.7	0.5	0.4	0.9	0.8	1.8	1.9	0.8
531	Real estate	3.0	2.9	2.6	2.9	2.9	6.3	0.5	0.6	1.1	1.1	2.9	3.0	1.1
5311	Lessors of real estate	4.4	4.3	4.0	4.5	4.3	7.8	0.5	0.8	1.4	1.3	4.3	4.2	1.2
5312	Offices of real estate agents and brokers	4.0	3.2	4.3	3.2	3.6	11.6	3.0	1.2	2.6	2.4	3.5	3.4	2.3
5313	Activities related to real estate	2.5	2.7	2.5	2.2	2.1	7.4	1.7	1.1	1.9	1.3	2.5	2.4	1.3
532	Rental and leasing services	3.2	2.7	3.0	3.0	3.5	4.4	0.7	0.8	2.1	1.3	3.0	3.1	1.7
5321	Automotive equipment rental and leasing	2.0	2.2	1.7	1.8	2.8	3.3	0.3	1.1	1.7	1.8	2.1	2.7	1.7
53211	Passenger car rental and leasing	3.7	4.1	3.3	3.6	5.1	3.4	0.4	1.3	2.3	2.5	3.9	5.0	2.4
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	3.4	3.9	4.2	3.6	4.0	5.2	0.9	1.3	1.5	1.4	3.6	4.0	1.4
5322	Consumer goods rental	5.0	8.1	8.2	7.0	6.7	8.9	6.7	3.8	2.7	3.4	6.3	7.8	3.0
5323	General rental centers	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	8.0	7.3	7.6	7.8	7.9	6.1	1.9	1.2	3.4	2.2	7.6	7.6	2.5
533	Lessors of nonfinancial intangible assets (except copyrighted works)	5.7	5.1	4.5	6.6	5.0	6.6	3.3	1.1	2.0	1.5	5.2	4.8	1.8

Table 2. Selected Services - Estimated Measures of Sampling Variability
[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	2018 (p)	2017	2018 from 2017 (p)
54	Professional, scientific, and technical services	2.1	1.7	1.9	1.8	1.7	1.6	0.6	0.6	0.9	0.8	1.9	1.7	0.8
5411	Legal services	4.0	3.3	3.9	2.7	2.3	3.1	2.5	2.0	2.6	1.3	3.5	2.5	1.6
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.3	1.1	2.9	2.3	1.9	3.4	1.2	3.1	1.2	1.3	1.6	1.8	1.2
5413	Architectural, engineering, and related services	3.7	3.7	3.4	3.6	3.9	4.1	1.2	1.7	1.5	2.2	3.6	3.7	1.8
5413 pt	Architectural and related services	5.5	4.2	6.3	5.8	6.8	4.7	3.1	4.5	3.4	3.8	4.7	6.7	3.0
54133	Engineering services	4.4	4.6	3.5	4.2	3.6	5.2	1.6	2.0	1.9	2.1	4.4	3.6	1.9
5414	Specialized design services.....	5.6	3.7	5.8	5.1	4.1	3.8	6.7	3.8	6.0	2.1	3.9	3.2	3.8
5415	Computer systems design and related services	1.9	1.2	1.8	2.4	2.4	6.1	1.3	1.2	2.1	1.9	1.5	2.1	1.9
5416	Management, scientific, and technical consulting services	4.1	4.1	4.1	3.4	2.6	5.6	1.7	0.9	2.4	1.8	4.0	2.7	2.0
5417	Scientific research and development services	8.2	8.3	7.3	8.5	7.4	4.7	1.9	0.9	1.2	1.2	8.2	7.4	1.1
5418	Advertising, public relations, and related services	2.3	2.1	1.6	1.6	1.9	3.6	0.6	1.0	1.2	1.1	2.2	1.9	1.1
5419	Other professional, scientific, and technical services.....	4.8	5.2	4.5	5.0	4.4	8.4	1.4	1.5	3.2	3.8	4.9	4.5	3.5
56	Administrative and support and waste management and remediation services	2.3	2.4	2.4	2.5	2.3	1.3	0.7	0.7	1.0	1.0	2.3	2.1	0.8
561	Administrative and support services	2.7	2.6	2.6	2.7	2.4	1.8	0.8	0.7	1.0	1.0	2.6	2.3	0.8
5613	Employment services	5.0	4.6	4.3	4.8	4.5	5.0	1.5	1.2	1.7	2.4	4.8	4.2	1.9
5615	Travel arrangement and reservation services	3.7	4.2	4.0	4.2	3.5	7.6	2.2	1.1	2.1	2.9	3.8	3.5	2.4
561 pt	Other administrative and support services	2.7	2.9	2.9	2.9	2.2	3.9	1.0	1.1	1.2	1.1	2.8	2.6	0.9
562	Waste management and remediation services	1.9	1.9	2.3	3.4	2.9	3.7	1.1	1.0	1.6	1.4	1.8	2.8	1.4
61	Educational services	4.0	4.0	2.8	3.0	1.9	5.7	2.7	2.1	2.7	2.2	3.8	2.0	2.1
6114	Business schools and computer and management training	7.4	8.2	7.3	7.1	6.1	18.0	3.2	3.1	5.6	3.9	7.6	6.6	4.6
6115	Technical and trade schools	5.7	5.9	6.3	4.4	5.4	12.2	3.2	3.1	4.7	3.8	5.6	5.3	4.0
6116	Other schools and instruction.....	7.1	7.3	7.7	7.1	S	S	4.1	5.7	S	S	6.9	S	S
6117	Educational support services	4.3	3.1	4.7	6.0	2.8	4.3	2.1	2.2	3.2	1.9	3.7	2.4	2.5
62	Health care and social assistance	1.5	1.4	1.3	1.3	1.4	2.2	0.1	0.2	0.5	0.5	1.5	1.3	0.5
621	Ambulatory health care services	1.4	1.4	1.3	1.3	1.2	2.1	0.2	0.2	0.8	0.9	1.4	1.1	0.8
6211	Offices of physicians.....	2.7	2.6	2.4	2.4	2.7	5.8	0.2	0.4	1.2	1.3	2.6	2.6	1.3
6212	Offices of dentists.....	3.9	4.3	4.2	4.0	3.1	S	1.0	1.0	1.4	S	4.1	S	S
6213	Offices of other health practitioners	5.2	4.1	4.4	3.9	S	5.2	1.7	1.3	S	1.9	4.6	S	S
6214	Outpatient care centers	2.8	2.6	3.4	2.9	2.6	3.6	0.5	0.9	0.7	0.5	2.7	2.6	0.6
6215	Medical and diagnostic laboratories	4.1	3.9	3.6	3.2	3.2	4.1	0.3	1.1	2.4	2.1	4.0	3.2	2.3
6216	Home health care services	6.5	6.6	6.6	6.1	5.9	3.9	0.9	0.9	1.6	2.3	6.5	5.9	1.9
6219	Other ambulatory health care services	4.2	4.2	4.0	3.5	3.6	5.4	0.8	1.2	1.5	1.4	4.2	3.6	1.2
622	Hospitals	2.6	2.6	2.4	2.5	2.5	3.8	0.3	0.3	0.5	0.4	2.6	2.5	0.4
6221	General medical and surgical hospitals.....	2.5	2.6	2.3	2.4	2.5	4.0	0.3	0.4	0.5	0.4	2.6	2.5	0.4
6222	Psychiatric and substance abuse hospitals.....	5.6	5.3	4.9	5.2	5.8	8.2	1.2	0.6	1.1	1.7	5.4	5.6	1.3
6223	Specialty (except psychiatric and substance abuse) hospitals.....	6.8	6.6	7.5	7.6	7.1	7.3	0.5	0.8	0.6	0.9	6.7	7.1	0.7
623	Nursing and residential care facilities	1.8	2.1	1.8	2.0	2.4	4.5	0.5	0.6	1.5	1.3	1.9	2.2	1.4
624	Social assistance	1.9	2.3	2.2	2.6	2.1	3.3	1.1	1.0	1.6	1.5	2.1	1.9	1.4
6241	Individual and family services.....	3.7	4.4	3.7	3.7	3.7	3.5	1.6	1.4	2.9	1.8	4.0	3.7	2.2
6242	Community food and housing, and emergency and other relief services	6.1	4.6	6.2	6.1	6.3	4.4	1.8	1.9	2.7	2.4	5.3	5.8	2.5
6243	Vocational rehabilitation services	10.2	10.1	11.3	10.9	9.3	8.0	1.6	2.3	1.3	2.6	10.1	8.9	1.7
6244	Child day care services	5.5	5.7	4.9	5.7	4.2	6.4	1.0	1.9	2.4	3.5	5.6	4.0	2.8
71	Arts, entertainment, and recreation.....	2.5	2.8	2.6	2.3	2.4	3.0	1.5	1.3	2.3	2.4	2.6	2.5	2.4
711	Performing arts, spectator sports, and related industries	4.6	5.0	2.3	1.3	3.0	3.7	4.1	2.8	4.7	2.3	4.5	3.5	3.4
7111	Performing arts companies.....	2.8	4.7	4.3	5.5	4.6	6.3	6.8	3.3	6.4	3.6	2.8	4.0	3.8
7112	Spectator sports.....	9.5	10.1	3.2	3.2	3.3	11.9	7.7	5.0	8.1	2.4	9.2	4.7	5.1
7113	Promoters of performing arts, sports, and similar events.....	7.0	7.7	5.5	5.1	6.2	7.9	6.1	5.4	4.6	5.2	6.8	6.3	4.1
7114	Agents and managers for artists, athletes, entertainers, and other public figures	4.0	8.9	5.6	3.6	4.9	11.2	5.4	7.2	4.8	8.7	6.0	4.8	6.3
7115	Independent artists, writers, and performers.....	10.0	6.1	7.7	9.4	8.7	16.0	7.2	4.0	7.8	7.5	7.8	8.8	6.2
712	Museums, historical sites, and similar institutions.....	4.0	6.4	8.6	9.0	9.0	6.3	5.0	2.9	5.3	5.4	4.7	10.1	5.1
713	Amusement, gambling, and recreation industries.....	4.7	5.3	5.1	4.3	4.3	5.7	1.6	0.8	1.1	2.8	5.0	4.7	1.7
7131	Amusement parks and arcades.....	5.9	3.8	2.8	5.9	6.2	5.9	3.6	1.1	1.4	2.3	5.0	4.8	1.5
7132	Gambling industries.....	13.9	15.5	14.7	13.8	13.6	11.3	1.8	1.9	1.1	2.0	14.7	13.9	1.4
7139	Other amusement and recreation industries.....	S	2.9	3.7	2.2	1.8	6.3	S	1.2	S	4.9	S	2.4	S
721	Accommodation	1.2	1.2	1.4	1.4	1.6	2.9	0.6	0.5	1.0	1.1	1.2	1.4	1.0
7211	Traveler accommodation	1.2	1.2	1.5	1.4	1.7	2.9	0.6	0.5	1.0	1.1	1.2	1.5	1.0
7212	RV (recreational vehicle) parks and recreational camps	4.5	5.6	5.4	5.3	5.4	6.9	6.5	6.1	5.0	3.8	4.4	5.3	4.3
7213	Rooming and boarding houses	5.8	6.6	7.5	3.4	9.2	7.3	3.0	2.9	8.7	5.3	6.1	7.7	6.0

Table 2. Selected Services - Estimated Measures of Sampling Variability
[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		2Q 2018 (p)	1Q 2018	4Q 2017	3Q 2017	2Q 2017	1Q 2017	2Q 2018 from 1Q 2018 (p)	1Q 2018 from 4Q 2017	2Q 2018 from 2Q 2017 (p)	1Q 2018 from 1Q 2017	2018 (p)	2017	2018 from 2017 (p)
81	Other services (except public administration)	2.5	3.9	2.6	1.8	2.4	2.3	1.8	2.6	0.9	2.3	3.1	2.2	1.4
811	Repair and maintenance	3.8	4.0	4.1	4.8	3.6	5.0	1.4	0.8	1.5	1.4	3.8	3.6	1.3
8111	Automotive repair and maintenance	S	6.9	7.2	7.7	6.8	7.8	S	1.1	S	2.2	S	6.9	S
8112	Electronic and precision equipment repair and maintenance	4.2	4.3	3.8	4.7	5.3	21.3	2.7	2.1	4.8	4.7	4.1	5.1	4.4
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	10.4	9.7	10.2	10.0	8.9	9.5	4.1	2.0	5.4	3.5	10.0	8.4	4.2
8114	Personal and household goods repair and maintenance	9.3	8.2	9.2	7.8	8.8	16.8	3.1	1.7	5.8	4.3	8.8	8.1	4.5
812	Personal and laundry services.....	3.0	2.5	2.7	2.9	3.0	4.2	1.1	1.0	1.3	1.6	2.7	2.8	1.4
8121	Personal care services.....	S	S	S	S	S	8.9	S	S	S	S	S	S	S
8122	Death care services.....	4.1	4.8	4.9	4.0	4.6	8.8	1.9	1.9	2.4	3.6	4.4	4.3	2.9
8123	Drycleaning and laundry services.....	6.0	6.0	5.1	4.6	4.6	10.4	0.6	1.7	3.8	3.7	6.0	4.8	3.7
8129	Other personal services.....	S	S	S	S	S	8.1	S	S	S	S	S	S	S
813	Religious, grantmaking, civic, professional, and similar organizations	3.8	7.3	4.4	2.1	4.5	3.2	3.8	4.5	1.8	4.4	5.4	4.1	2.3

(p) Preliminary estimate. Z Absolute value is less than .05.
S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	30
22	Utilities	7
48-49	Transportation and warehousing	28
51	Information	22
52	Finance and insurance	17
53	Real estate and rental and leasing	41
54	Professional, scientific, and technical services	41
56	Administrative and support and waste management and remediation services	42
61	Educational services	46
62	Health care and social assistance	38
71	Arts, entertainment, and recreation	38
721	Accommodation	35
81	Other services (except public administration)	45

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at www.census.gov/services/.

Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly

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revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see www.census.gov/services/qss/qssseasfactors.xls. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at www.census.gov/services/qss/seasonally_adjusted_faqs.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then

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the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/how_the_data_are_collected.

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